



Attorney's Docket No.: 05542-390001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Jianshe Tang, et al.

Art Unit : 3723

Serial No. : 09/611,247

Examiner : Timothy V. Eley

Filed : July 7, 2000

Title : CARRIER HEAD WITH A MODIFIED FLEXIBLE MEMBRANE

Commissioner for Patents
Washington, D.C. 20231

Amelt
7/A

TC 3700 MAIL ROOM

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RESPONSE

In response to the action mailed November 8, 2001, please amend the application as follows:

In the claims:

Please cancel claims 6-8.

Please amend claims 1-2, 4-5, 9 and 11-12 as follows:

1. (Amended) A carrier head, comprising:
a retaining ring;
a pressurizable chamber; and
a fluid-tight flexible membrane with an inner surface that forms a boundary of the pressurizable chamber and a rough outer surface to press a substrate against a polishing surface.
2. (Amended) The carrier head of claim 1, wherein the outer surface of the flexible membrane is sufficiently rough that the substrate does not move or rotate relative to the membrane.
3. The carrier head of claim 1, wherein the flexible membrane is formed of a material having a high friction coefficient.

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

April 8, 2002

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